



Page 1 of 2

IBM Docket No.YOR920000399US1

DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION As a below named joint inventor of this patent application titled,

INCREASED EFFICIENCY IN LIQUID AND GASSEOUS PLANAR DEVICE COOLING TECHNOLOGY

I hereby declare:

That my residence, county, post office address and citizenship are as stated below next to my name;

That I am an original first and joint inventor of the subject matter which is claimed in the above identified patent application;

That I acknowledge the duty to disclose information which is material to the patentability of the above identified patent application in accordance with Title 37 Code of Federal Regulations, Section 1.56;

That I hereby state that I have reviewed and understand the contents of the above identified patent application, including the claims;

That all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that willful false statements may jeopardize the validity of the application or any patent issued thereon.

That as a named inventor I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith:

Manny W. Schecter (Reg. No. 31,722), Lauren C. Bruzzone (Reg. 35,082), Christopher A. Hughes (Reg. 26,914), Edward A. Pennington (Reg. No. 32,588), John E. Hoel (Reg. No. 26,279), Joseph C. Redmond Jr. (Reg. No. 18,753) Stephen C. Kaufman (Reg. No. 29,551), Jay P. Sbrollini (Reg. No. 36,266), David M. Shofi (Reg. No. 39,835), Robert M. Trepp (Reg. No. 25,933), Louis P. Herzberg (Reg. No. 41,500), Daniel P. Morris (Reg. No. 32,053), Paul J. Otterstedt (Reg. 37,411). Louis J. Percello (Reg. No. 33,206), Douglas W. Cameron (Reg. No. 31,596), Marian Underweiser (Reg. No. 46,134), Richard M. Ludwin (Reg. No. 33,010) and Marc A. Erlich (Reg. No. 39,966).

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Page 2 of 2 IBM Docket No.YOR920000399US1 DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION

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First Inventor's Signature and Date

11/29/2000

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END OF DECLARATION



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Appn. Ser. No. Not Yet Ass'd.

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Examiner Not Yet Assigned

Inventors Lawrence Shungwei Mok

Atty.Dkt. No. YOR920000399US1

Tsing-Dih Yuan

For: INCREASED EFFICIENCY IN LIQUID AND GASEOUS PLANAR DEVICECOOLING TECHNOLOGY

APPOINTMENT OF ASSOCIATE ATTORNEY

Commissioner of Patents and Trademarks Washington, D.C. 20231 Sir:

The undersigned attorney, who has been appointed as an attorney in the Declaration and Power of Attorney for the above identified application, hereby appoints Alvin J. Riddles, Reg. No. 17,862 as my associate attorney for the filing of the above identified patent application, and for the transaction of all business in the Patent and Trademark Office connected therewith.

Please Direct all correspondence to:

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Respectfully submitted

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